Amendments to the Specification

Amend the paragraph on page 1, lines 12 – 17 to read as follows:

Digital broadcasting ~~have~~ has been introduced as substitution for the traditional analog broadcasting for the purpose of realization of high picture quality, multichannel display and high functionality, and improvement on other characteristics. In the digital broad casting, the MPEG2 method has been adopted as a compression encoding method for a digitized moving picture.

Amend the paragraph on page 2, lines 12 – 15 to read as follows:

Information called a sequence header is added prior to each GOP. Included in the sequence header ~~are~~ is information on a picture, such as the number of pixels in a horizontal direction of the picture, the number of lines in a vertical direction of the picture, a frame rate and so on.

Amend the paragraph on page 5, line 33 through page 6, line 9, to read as follows:

The step of extracting receives video stream signals of plural channels compression encoded in digital signals to extract header information associated with a decode processing amount of each of the plural channels. The step of estimating estimates the decode processing amount in each of the plural channels according to the header information to determine a reproduction scheme. The step of performing decode processing receives the video ~~steam~~ stream signals of the plural channels to perform one of normal reproduction and simple reproduction less than the normal reproduction in processing amount in each of the plural channels according to the reproduction scheme.

Amend the paragraph beginning on page 10, line 20 as follows:

Description will be given of a flow of processing in MPEG decoding section 110. Header information capture section 114 detects a sequence header placed prior to a GOP of a ~~MPE2~~ MPEG2 video stream. Header information capture section 114 extracts information on a picture such as sizes in dots in vertical and horizontal directions and a frame rate from the sequence header to transmit the information to total processing amount estimation/reproduction scheme determination section 116. MPEG decoder 118 receives ESs (Element Streams) of plural channels to perform time-division processing, one picture as a unit. The "ES" is a signal of video data only obtained by separation from outputs of TS decoders 104.1 and 104.2 in which data of sound, a video image and data broadcasting are contained.